

WHAT IS CLAIMED IS:

1. A method of communicating data between a client and a server comprising:
 - initiating a participating application for transmitting packets between a client and a server, wherein the participating application participates in a transport protocol;
 - establishing a non-participating application for transmitting packets between the client and a server, wherein the non-participating application does not participate in the transport protocol; and
 - determining whether to transmit a packet from the client to the server using the participating application or the non-participating application.
2. The method of Claim 1, wherein determining whether to transmit a packet from the client to the server on the participating path or the non-participating path comprises:
 - determining whether a quad of the packet is in a list of non-participating connections to the server; and
 - transmitting the packet on the non-participating path if the quad of the packet is in the list.
3. The method of Claim 1, wherein the non-participating application does not acknowledge packets transmitted by the non-participating application.
4. The method of Claim 1, wherein the non-participating application does not check a checksum of packets transmitted by the non-participating application.
5. The method of Claim 1, wherein the non-participating application modifies a packet header of packets transmitted by the non-participating application.
6. The method of Claim 1, wherein determining whether to transmit a packet from the client to the server comprises determining whether to transmit a packet from the client to the server using the participating application or the non-participating application based on a security status of the client.

7. A system for communicating data between a client and a server comprising:

- a client,
- a server,

5 a participating application, operable to transmit packets from the client to the server using a transport protocol;

- a non-participating application, operable to transmit packets from the client to the server without using the transport protocol, and

- an intercepting controller, operable to determine whether to transmit a packet

10 from the client to the server using the participating application or the non-participating application.

8. The system of Claim 7, further comprising a memory operable to store a list of quads, wherein each quad is associated with a non-participating connection

15 between one of a plurality of clients and the server, and wherein the intercepting controller is further operable to determine whether to transmit a packet from the client to the server using the participating application or the non-participating application by:

- determining whether a quad of the packet is in the list; and

20 transmitting the packet on the non-participating path if the quad of the packet is in the list.

9. The system of Claim 7, wherein the non-participating application does not acknowledge packets transmitted by the non-participating application.

25

10. The system of Claim 7, wherein the non-participating application does not check a checksum of packets transmitted by the non-participating application.

11. The system of Claim 7, wherein the non-participating application

30 modifies a packet header of packets transmitted by the non-participating application.

12. The system of Claim 7, wherein the intercepting controller is further operable to determine whether to transmit a packet from the client to the server by determining whether to transmit a packet from the client to the server using the 5 participating application or the non-participating application based on a security status of the client.

13. An apparatus for communicating data between a client and a server comprising:

a participating application, operable to transmit packets from a client to a server using a transport protocol;

5 a non-participating application, operable to transmit packets from the client to the server without using the transport protocol, and

an intercepting controller, operable to determine whether to transmit a packet from the client to the server using the participating application or the non-participating application.

10

14. The apparatus of Claim 13, further comprising a memory operable to store a list of quads, wherein each quad is associated with a non-participating connection between one of a plurality of clients and the server, and wherein the intercepting controller is further operable to determine whether to transmit a packet 15 from the client to the server using the participating application or the non-participating application by:

determining whether a quad of the packet is in the list; and

transmitting the packet on the non-participating path if the quad of the packet is in the list.

20

15. The apparatus of Claim 13, wherein the non-participating application does not acknowledge packets transmitted by the non-participating application.

16. The apparatus of Claim 13, wherein the non-participating application 25 does not check a checksum of packets transmitted by the non-participating application.

17. The apparatus of Claim 13, wherein the non-participating application modifies a packet header of packets transmitted by the non-participating application.

18. The apparatus of Claim 13, wherein determining whether to transmit a packet from the client to the server comprises determining whether to transmit a packet from the client to the server using the participating application or the non-participating application based on a security status of the client.

19. A computer program stored on a computer readable medium, the computer program operable to:

initiate a participating application for transmitting packets between a client and a server, wherein the participating application participates in a transport protocol;

5 establish a non-participating application for transmitting packets between the client and a server, wherein the non-participating application does not participate in the transport protocol; and

determine whether to transmit a packet from the client to the server using the participating application or the non-participating application.

10

20. The computer program of Claim 19, wherein the computer program is further operable to determine whether to transmit a packet from the client to the server on the participating path or the non-participating path by:

15 determining whether a quad of the packet is in a list of non-participating connections to the server; and

transmitting the packet on the non-participating path if the quad of the packet is in the list.

21. The computer program of Claim 19, wherein the non-participating application does not acknowledge packets transmitted by the non-participating application.

22. The computer program of Claim 19, wherein the non-participating application does not check a checksum of packets transmitted by the non-participating application.

23. The computer program of Claim 19, wherein the non-participating application modifies a packet header of packets transmitted by the non-participating application.

24. The computer program of Claim 19, wherein the computer program is further operable to determine whether to transmit a packet from the client to the server by determining whether to transmit a packet from the client to the server using the participating application or the non-participating application based on a security status
5 of the client.

25. A system for communicating data between a client and a server comprising:

means for initiating a participating application for transmitting packets between a client and a server, wherein the participating application participates in a transport protocol;

means for establishing a non-participating application for transmitting packets between the client and a server, wherein the non-participating application does not participate in the transport protocol; and

means for determining whether to transmit a packet from the client to the server using the participating application or the non-participating application.